



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

Miami Wall Systems, Inc.
701 W, 25th Street
Hialeah, FL 33010

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "2060" Outswing Aluminum Casement Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. 2060-CW, titled "Casement Window Series 2060 (L.M.I.), sheets 1 through 7 of 7, dated 1/19/09, with revision #1 dated 05/28/13, prepared by manufacturer, signed and sealed by Jorge E. Valdes, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises and renews NOA# 09-0122.09 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Manuel Perez, P.E.



Handwritten signature and date:
8/9/13

NOA No. 13-0606.09
Expiration Date: August 07, 2018
Approval Date: August 15, 2013
Page 1

Miami Walls Systems, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **2060-CW**, Sheets 1 through 7 of 7, titled "Casement Window Series 2060 (L.M.I.)", dated 01/19/09, with revision #1 dated 05/28/13, prepared by manufacturer, signed and sealed by Jorge E. Valdes, P.E.

B. TESTS

1. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
2) Large Missile Impact Test per FBC, TAS 201-94
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of aluminum casement windows mulled together, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-5801**, dated 12/16/08, signed and sealed by Carlos S. Rionda, P.E.
(Submitted under previous NOA #09-0122.09)
2. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94
along with marked-up drawings and installation diagram of aluminum fixed and casement windows mulled together, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-5595**, dated 06/02/08, signed and sealed by Carlos S. Rionda, P.E.
(Submitted under NOA #08-0611.12)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2004, dated 06/09/08, updated to FBC-2007 on 01/21/09, prepared, signed and sealed by Jorge E. Valdes, P.E.
(Submitted under previous NOA #08-0611.12 and NOA #09-0122.09)
2. Glazing complies with ASTM E1300-04

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)


Manuel Perez, P.E.
Product Control Examiner
NOA No. 13-0606.09

Expiration Date: August 07, 2018
Approval Date: August 15, 2013

Miami Walls Systems, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS

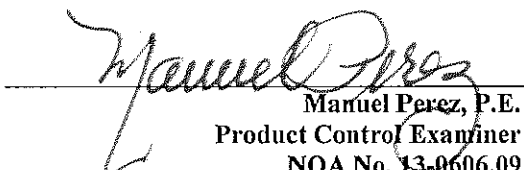
1. Notice of Acceptance No. **13-0129.27** issued to **E.I. DuPont DeNemours & Co., Inc.** for their "**DuPont Butacite® PVB Interlayer**" dated 04/11/13, expiring on 12/11/16.

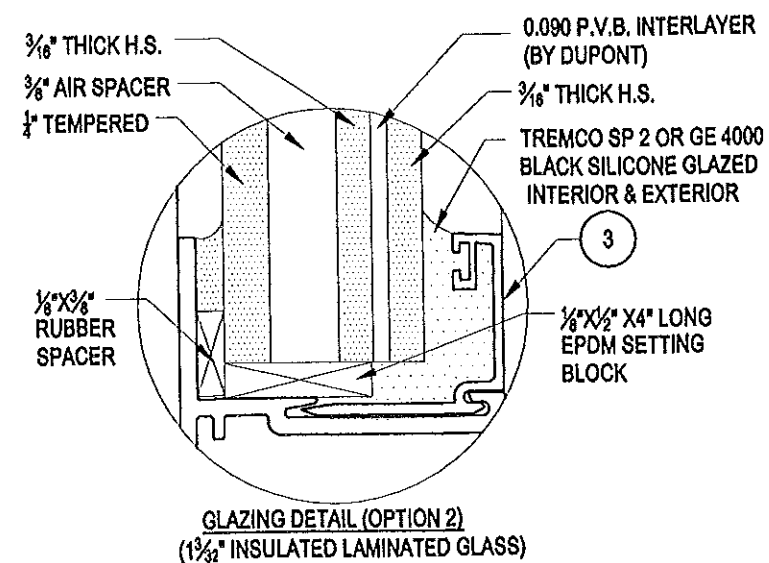
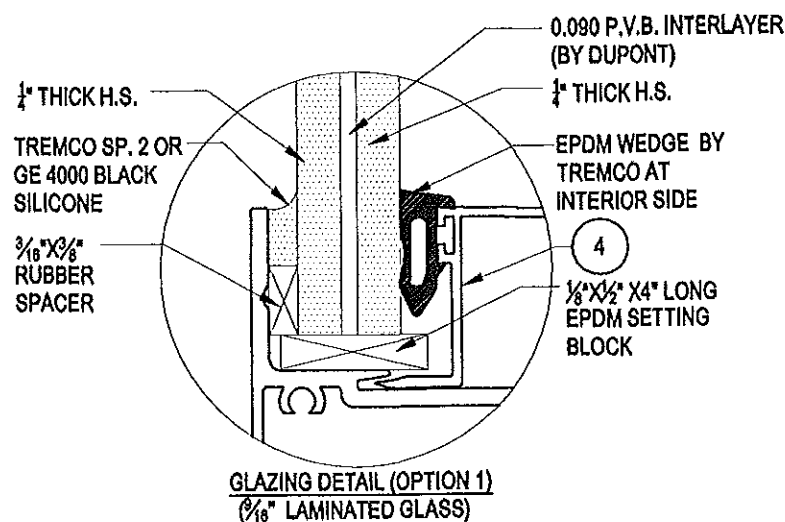
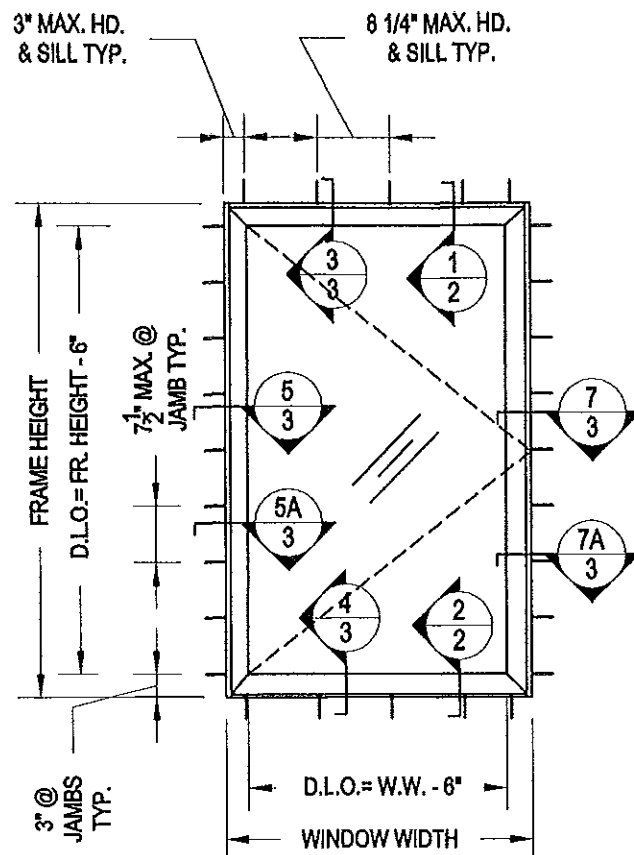
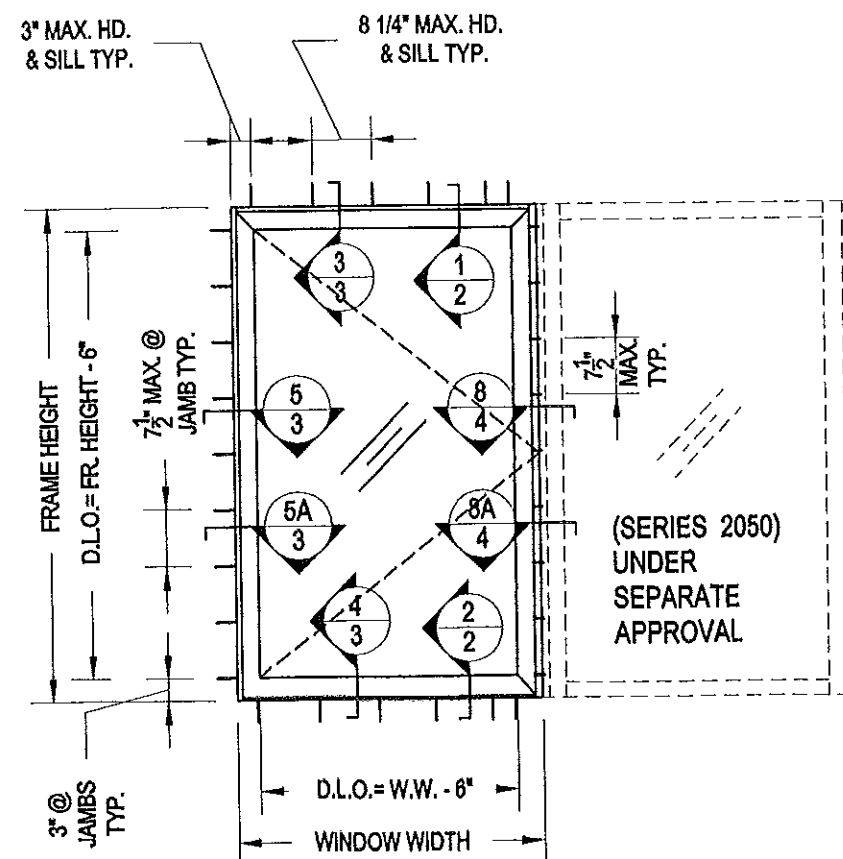
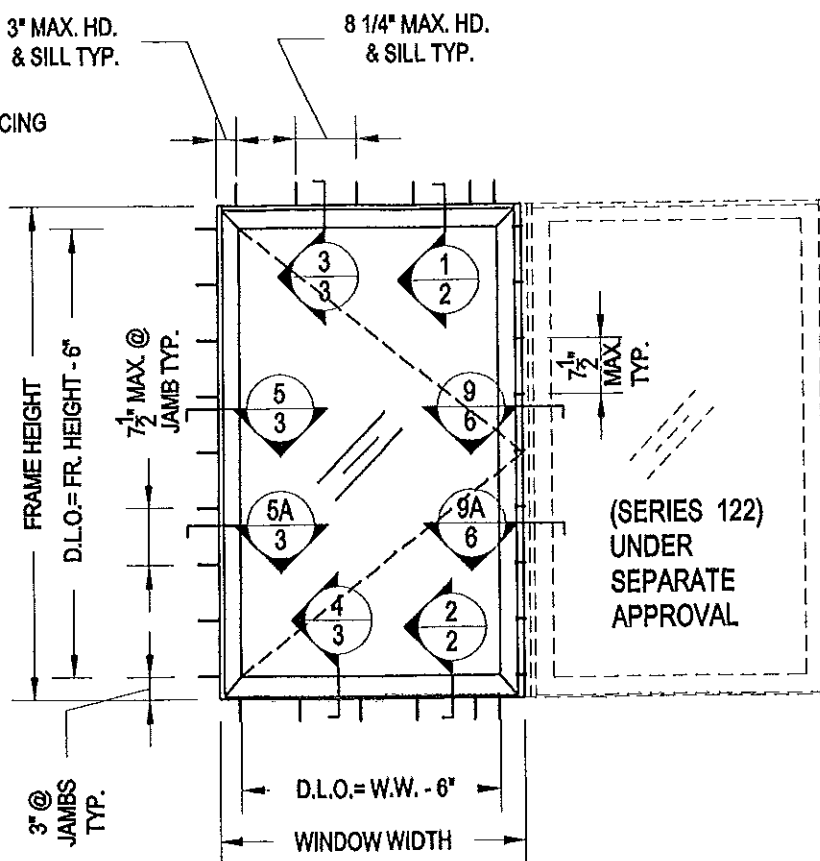
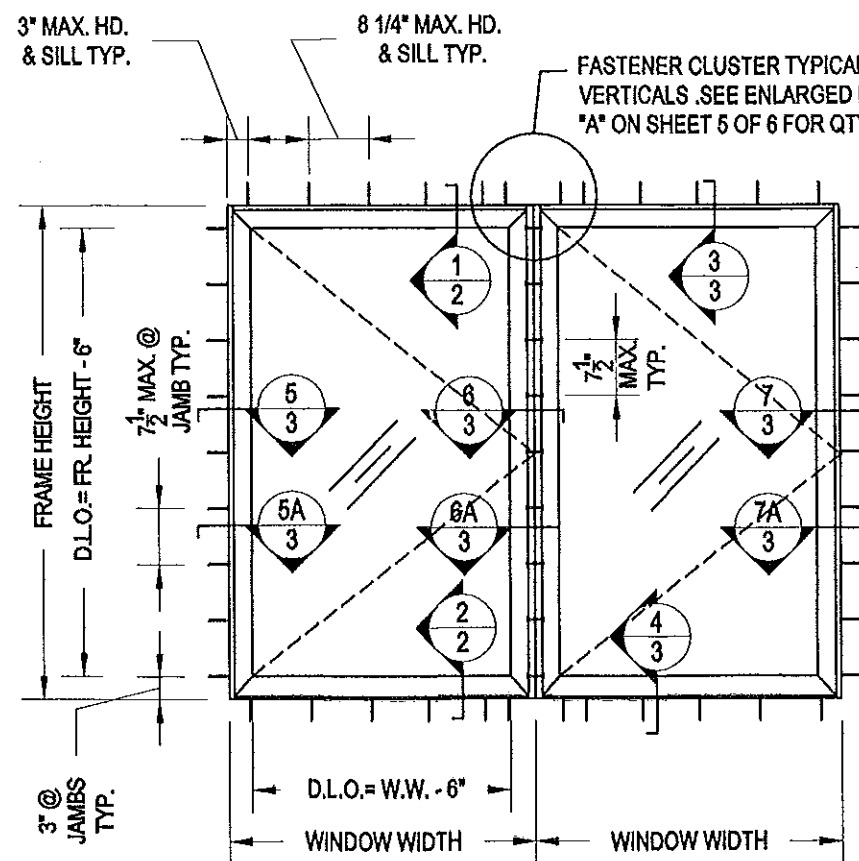
F. STATEMENTS

1. Statement letter of conformance, complying with **FBC-2010**, dated May 28, 2013, signed and sealed by Jorge E. Valdes, P.E.
2. Statement letter of no financial interest, dated May 28, 2013, signed and sealed by Jorge E. Valdes, P.E.

G. OTHER

1. Notice of Acceptance No. **09-0122.09**, issued to Miami Wall Systems, Inc., for their Series 2060 Outswing Aluminum Casement Window – L.M.I., approved on 03/04/09 and expiring on 08/07/13.


Manuel Perez, P.E.
Product Control Examiner
NOA No. **13-0606.09**
Expiration Date: August 07, 2018
Approval Date: August 15, 2013



GENERAL NOTES:

1. THIS PRODUCT HAS BEEN DESIGNED & TESTED IN ACCORDANCE WITH THE 2010 FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)
2. FRAME HEAD AND SILL USE SAME FASTENER SPACING
3. FRAME JAMBS USE SAME FASTENER SPACING
4. THIS PRODUCT IS LARGE MISSILE IMPACT RATED (L.M.I.). ITS INSTALLATION IS MANDATORY IN STRUCTURES AT H.V.H.Z. WHERE OPENING HAS NOT IMPACT SHUTTERS & IS LOCATED UP TO 30 FT. ABOVE GRADE.
5. SHUTTERS ARE NOT REQUIRED.
6. WOOD BUCKS NOT BY M.W.S. MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM & TRANSFER THEM TO THE BUILDING STRUCTURE.
7. SEE CHARTS ON SHEETS 2, 4 & 5 FOR LOAD CAPACITIES, MULLION (IF REQUIRED) AND ANCHOR REQUIREMENTS. THE LOWEST VALUE FROM THESE CHARTS SHALL BE THE ALLOWABLE LOAD FOR THE SYSTEM.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 13-0606-09
Expiration Date Aug. 7, 2018
By *Maurice J. [Signature]*
Miami Dade Product Control

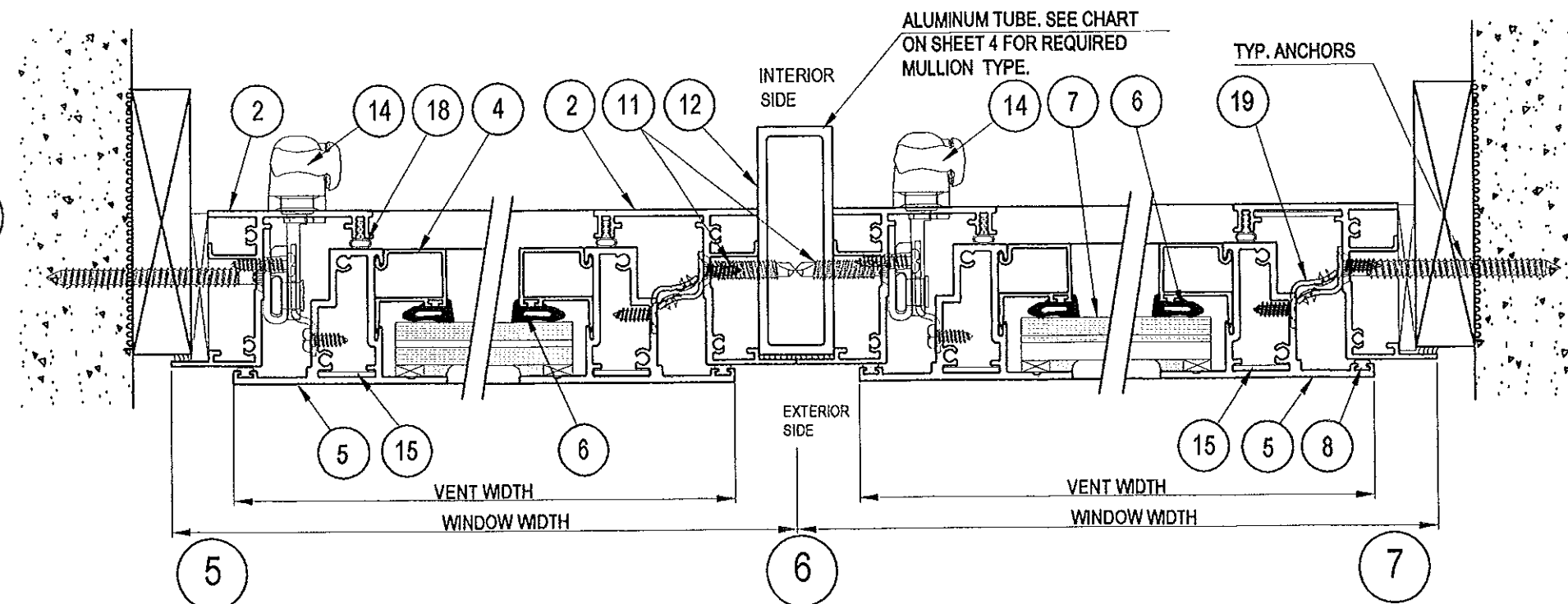
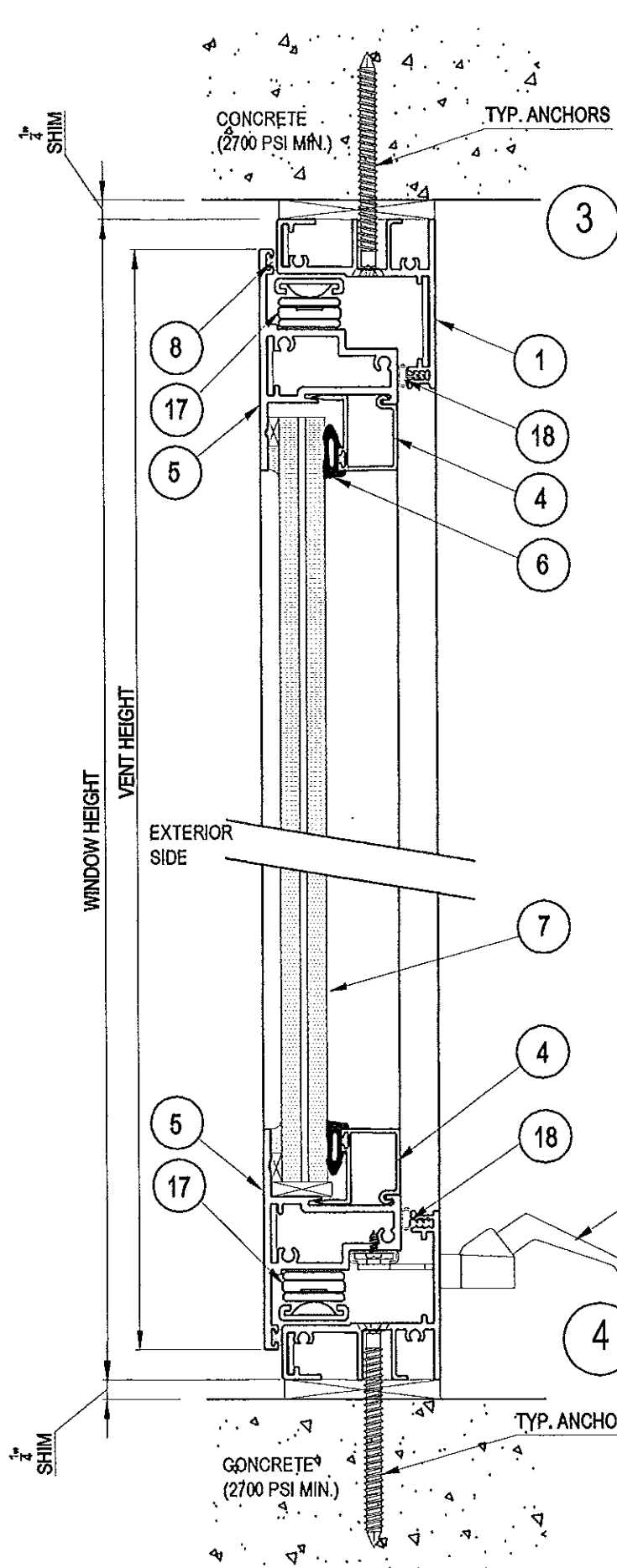
Jorge E. Valdes
Fla. PE# 67398

MAY 26 2013

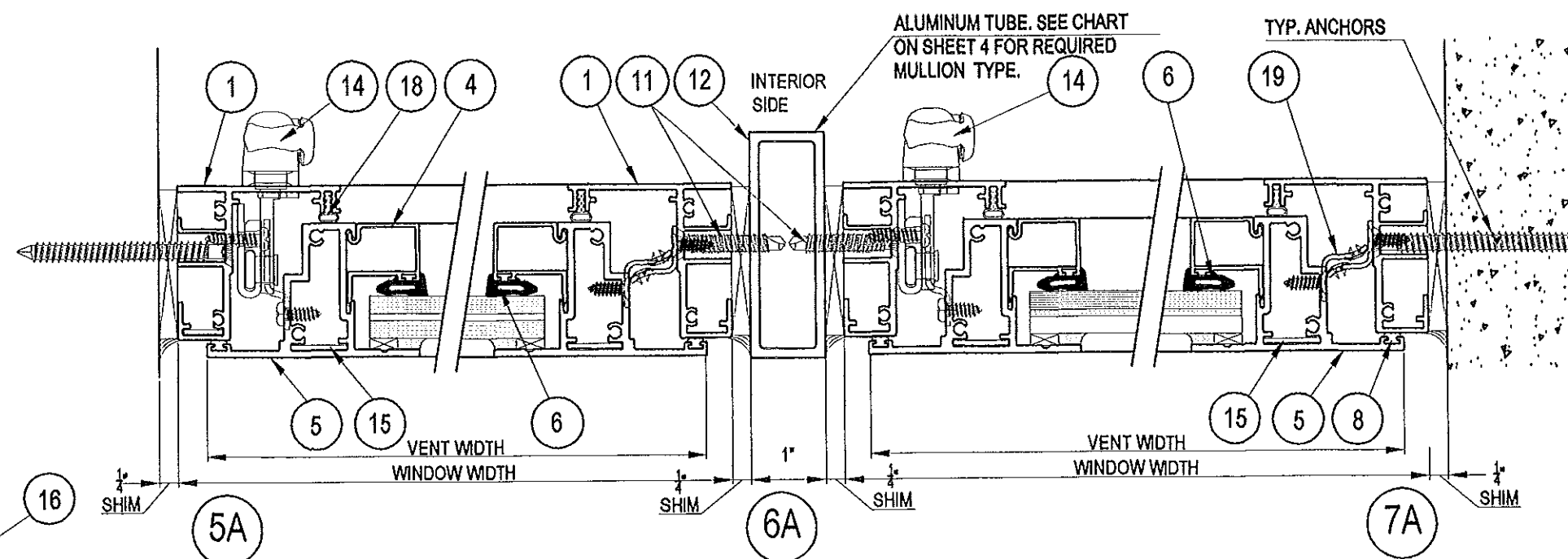
Miami Wall Systems, Inc.
701 West 25th Street
Hialeah, Florida, 33010
Phone: (305) 888-2300 Fax: (305) 888-3058

CASEMENT WINDOW SERIES 2060 (L.M.I.)
WINDOW ELEVATIONS
GENERAL NOTES

NO.	DATE	REVISION
1	5/28/13	UPDATE TO 2010 FBC
DATE: 1/19/2009		
SCALE: AS NOTED		
DWG. BY: L.R.A.		
CHK. BY: JV		
DWG NO.: 2060-CW		
SHEET 1 OF 7		



CASEMENT- CASEMENT WINDOWS UNEQUAL LEG CONDITION



CASEMENT- CASEMENT WINDOWS EQUAL LEG CONDITION

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 13-0606-09
Expiration Date Aug. 7, 2018
By *Manuel Perez*
Miami Dade Product Control

Jorge E. Valdes
Fla. PE# 67398

[Signature]
MAY 24 2013

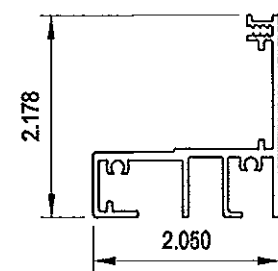
Miami Wall Systems, Inc.
701 West 25th Street
Hialeah, Florida 33010
Phone: (305) 888-2300 Fax: (305) 888-3058

CASEMENT WINDOW SERIES 2060 (L.M.I.)

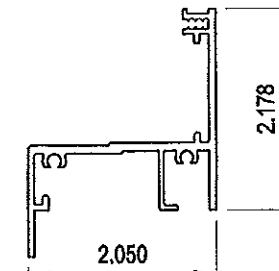
SECTIONS

NO.	DATE	REVISION	NO CHANGE THIS SHEET
1	5/28/13		

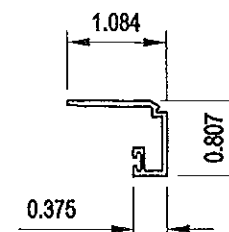
DATE: 1/19/2009
SCALE: AS NOTED
DWG. BY: L.R.A.
CHK. BY: JV
DWG NO.: 2060-CW
SHEET 3 OF 7



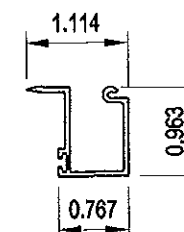
1 EQUAL LEG FRAME
MATERIAL: AL.6063-T6
TYP. WALL: .080



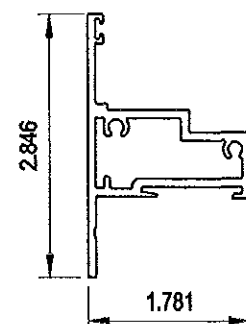
2 UNEQUAL LEG FRAME
MATERIAL: AL.6063-T6
TYP. WALL: .080



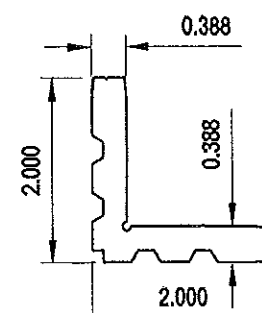
3 GLAZING BEAD
MATERIAL: AL.6063-T5
TYP. WALL: .050



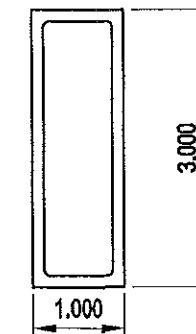
4 GLAZING BEAD
MATERIAL: AL.6063-T5
TYP. WALL: .050



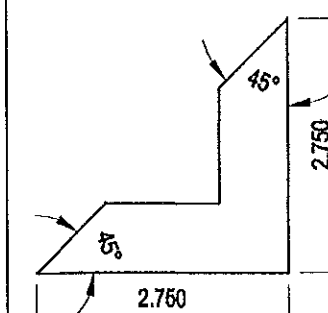
5 VENT
MATERIAL: AL. 6063-T6
TYP. WALL: .092



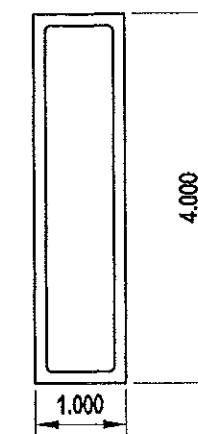
10 VENT CORNER LOCK
MATERIAL: AL. 6063-T5
TYP. WALL: .388



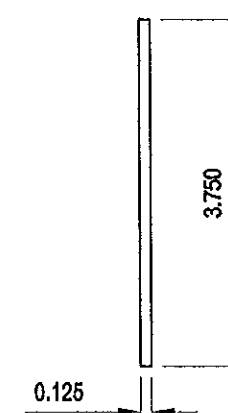
12 ALUMINUM TUBE
TYP. WALL: .125



15 VENT CORNER KEY
TYP. WALL: .062



20 ALUMINUM TUBE
TYP. WALL: .125



21 ALUMINUM BAR
TYP. WALL: .125


PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 13-0606, 0A
Expiration Date Aug. 7, 2018
By Manuel J. J.
Miami: Dade Product Control

Jorge E. Valdes
Fla. PE# 67398

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CASEMENT WINDOW SERIES 2060 (L.M.I.)

SECTIONS &
EXTRUSION DETAILS

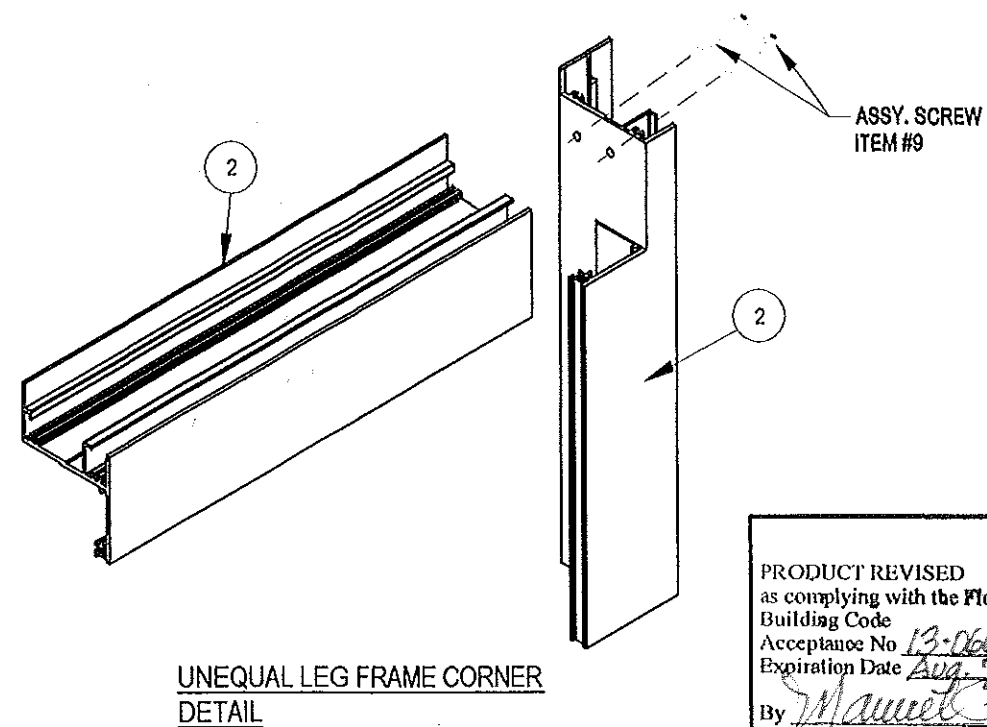
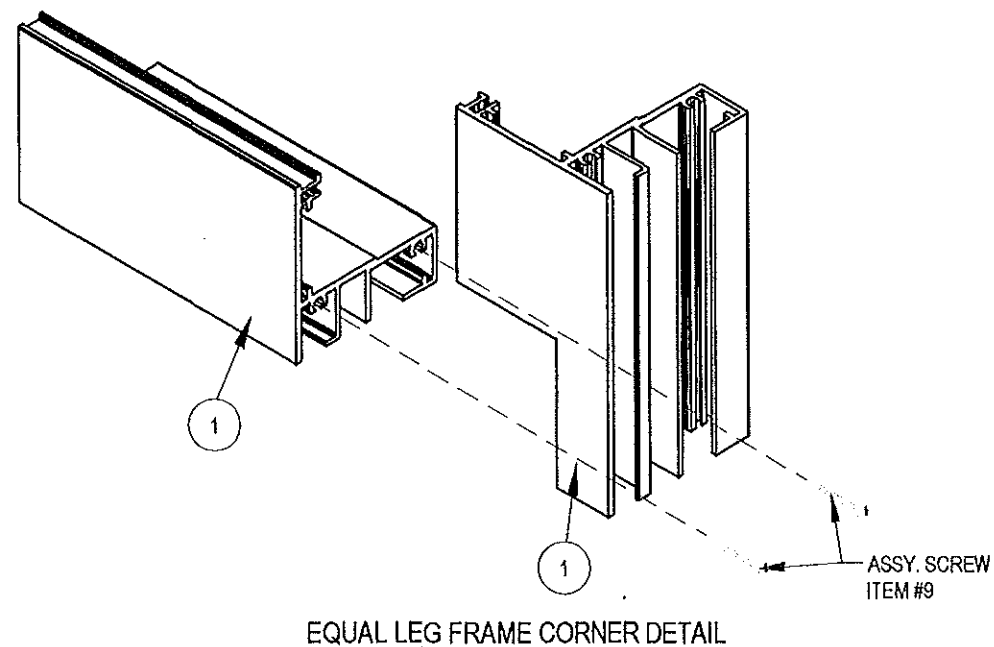
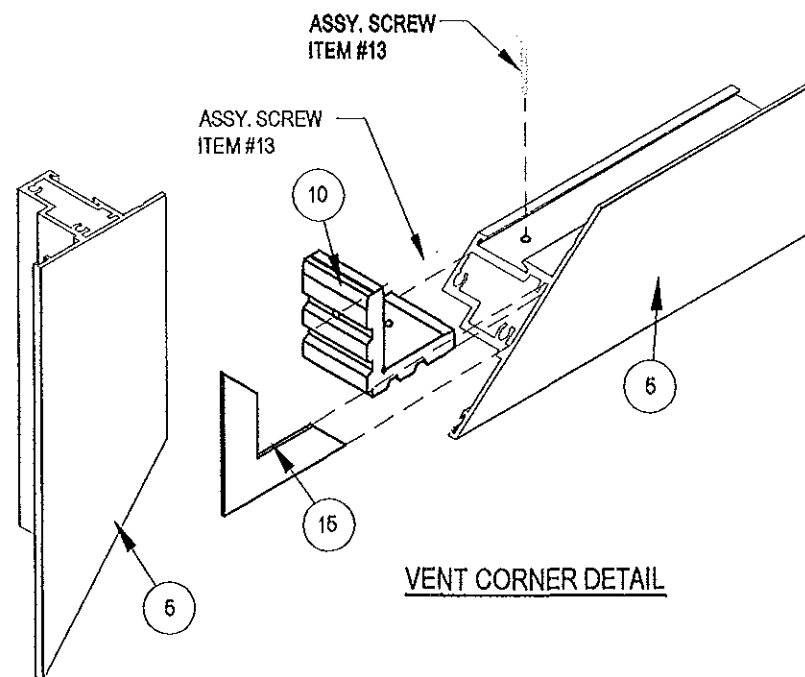


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BILL OF MATERIALS				
ITEM No.	PART No.	REQ'D	PART NAME	REMARKS
1	2060-001	4 PER WINDOW	EQUAL LEG FRAME	AT SILL, HEAD & JAMBS
2	2060-002	4 PER WINDOW	UNEQUAL LEG FRAME	AT SILL, HEAD & JAMBS
3	2060-004	4 PER WINDOW	GLAZING BEAD	FOR 1 $\frac{3}{32}$ " INSULATED LAMINATED GLASS
4	2060-005	4 PER WINDOW	GLAZING BEAD	FOR $\frac{9}{16}$ " LAMINATED GLASS
5	2060-003	4 PER WINDOW	VENT	
6		AS REQUIRED	EPDM WEDGE	AT INTERIOR SIDE OF GLASS
7		1 PER WINDOW	$\frac{9}{16}$ " LAMINATED GLASS	SEE DETAILS ON SHEET #1
8	Q250T190	1 PER VENT	WEATHERSTRIPPING	AT VENT
9		2 PER CORNER	#8X1 $\frac{1}{2}$ " PH. PAN HEAD, S/S, S.M.S.	FRAME ASSEMBLY SCREWS
10	2060-006	1 PER CORNER	VENT CORNER LOCK	AT VENT
11		AS REQUIRED	#14 FLAT HEAD TEK SCREW	SEE NOTE ON SHEET 2
12		1 PER MULLION	1" X 3" X $\frac{1}{8}$ " THK. X 64" LONG ALUMINUM TUBE	SEE CHART ON SHEET 4
13		2 PER CORNER	#8 X $\frac{1}{2}$ " FLAT HEAD, S/S, S.M.S.	VENT ASSEMBLY SCREWS
14	24.30.XX.004	1 PER VENT	MAXIM MULTI POINT LOCK ASSEMBLY	AT VENT/FRAME
15		1 PER CORNER	VENT CORNER KEY	
16	23.03.01.001	1 PER VENT	ROTO OPERATOR	AT SILL FRAME
17		1 PER VENT	(4) BARS S/S HINGE	AT VENT/FRAME
18	AP-425	AS REQUIRED	BULB VYNIL	AT FRAME
19	10390T	1 PER VENT	SNUBBER	AT MID SPAN OF VENT FRAME
20		1 PER MULLION	1" X 4" X $\frac{1}{8}$ " THK. X 64" LONG ALUMINUM TUBE	SEE CHART ON SHEET 4
21		2 PER MULLION	$\frac{1}{8}$ " X 3 $\frac{3}{4}$ " ALUMINUM REINFORCEMENT BARS	SEE CHART ON SHEET 4

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CASEMENT WINDOW SERIES 2060 (L.M.I.)

BILL OF MATERIALS & CORNER DETAILS

[illegible]